

Figure 1

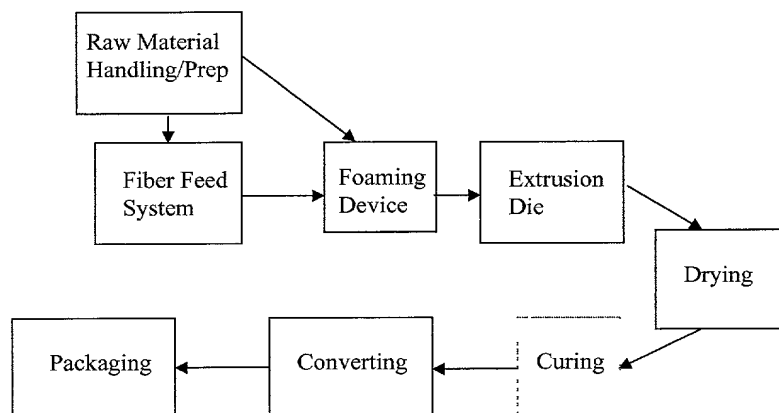


Figure 2

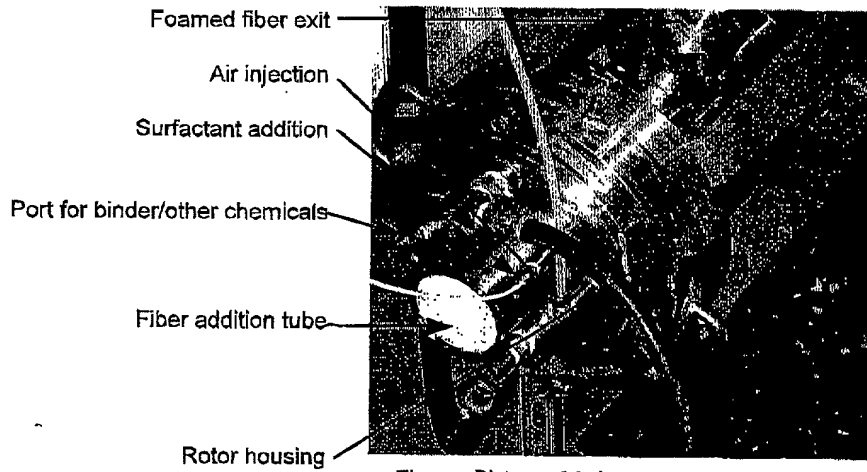
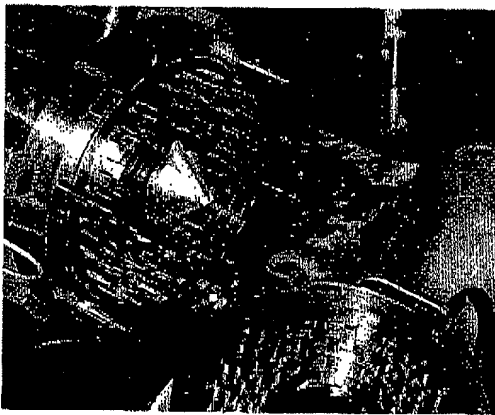


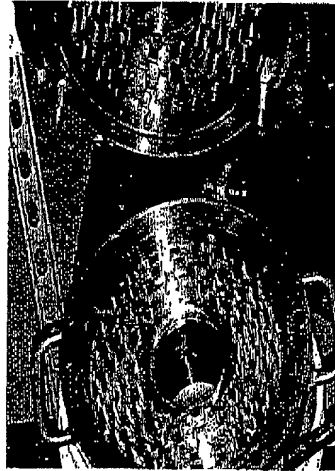
Figure. Picture of Oakes Model 8M mixer/foamer.

FIGURE 3A



Oakes Mixer/foamer stator with optional dispersion nut.

FIGURE 3B



Oakes Mixer/foamer with rotor removed

FIGURE 3C

Figure 4

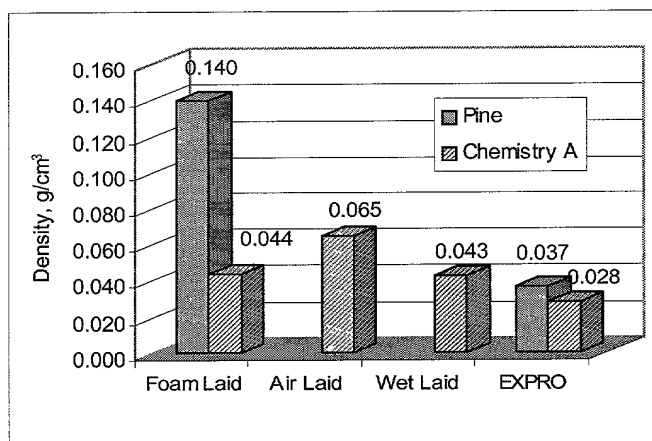


Figure 5

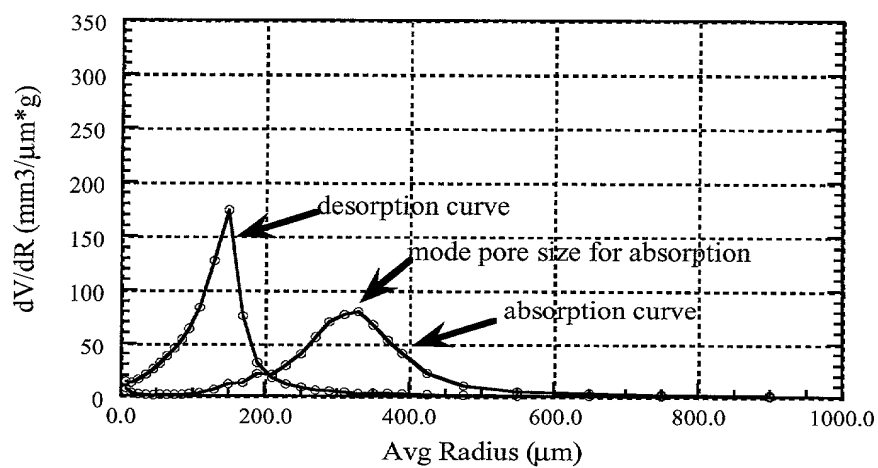


Figure 6

Figure 7

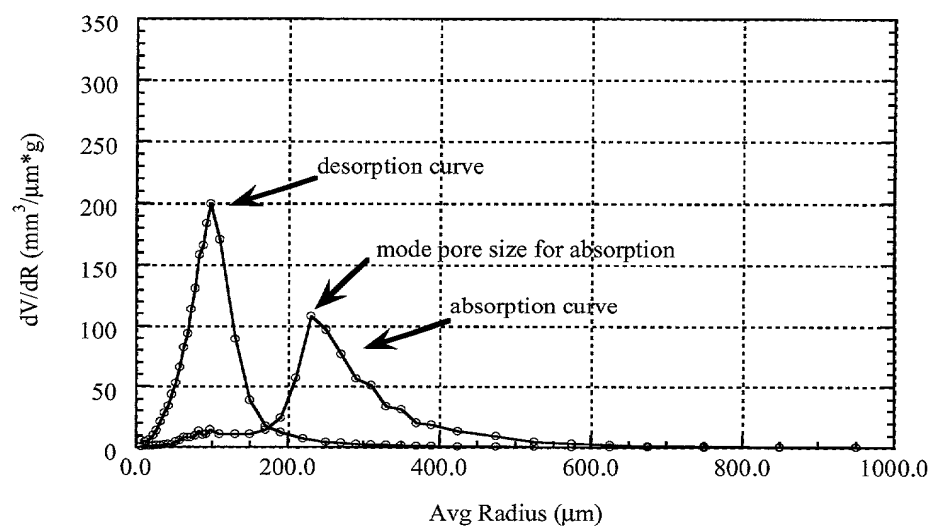


Figure 8

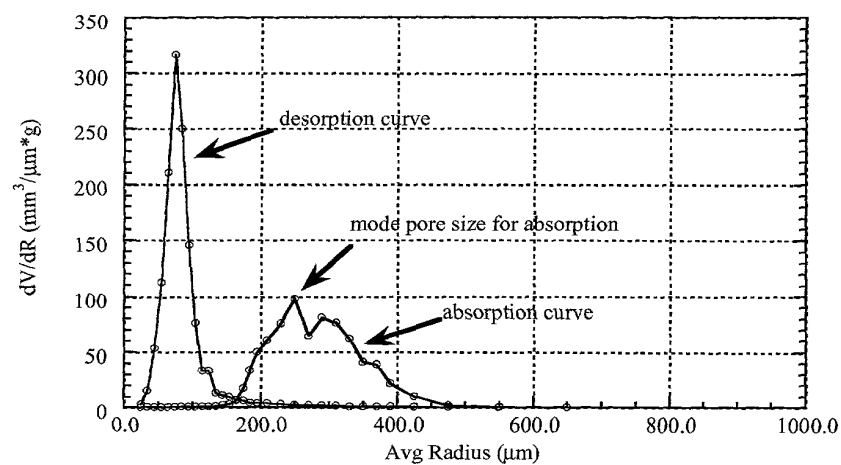


Figure 9

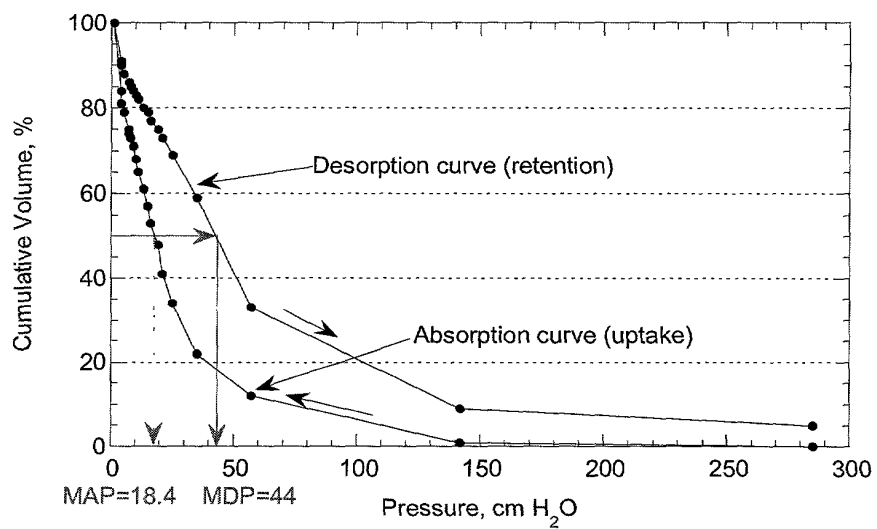


Figure 10

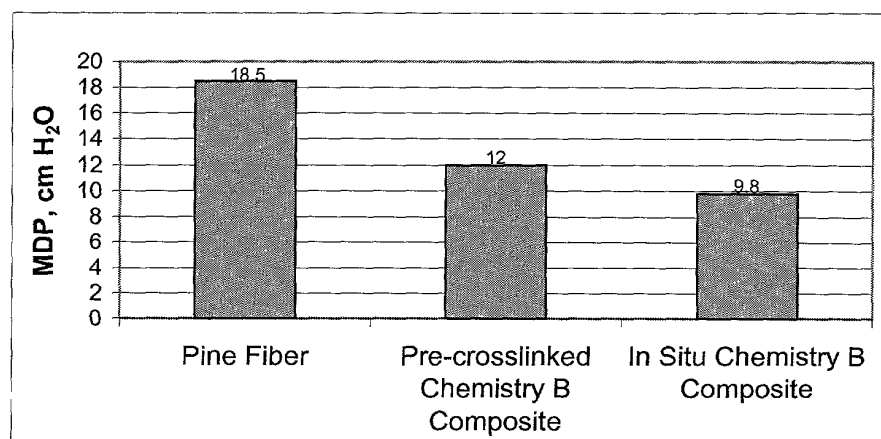
[illegible]

Figure 11

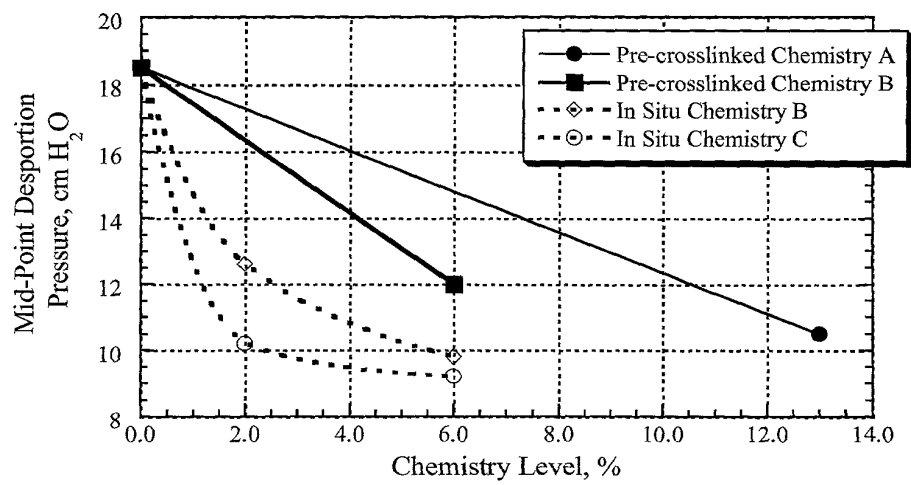


Figure 12

Figure 13

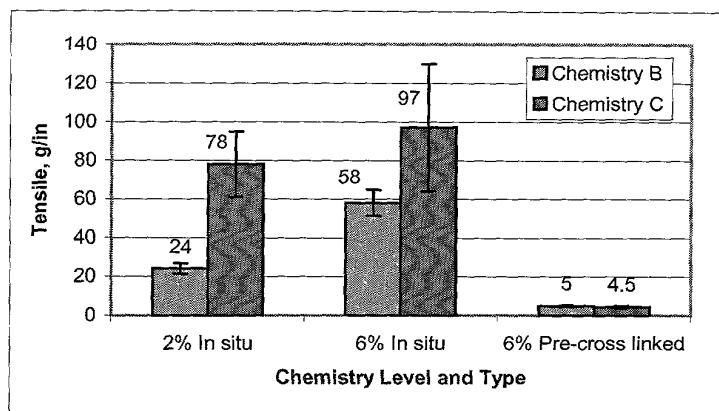


Figure 14

10003844-11403

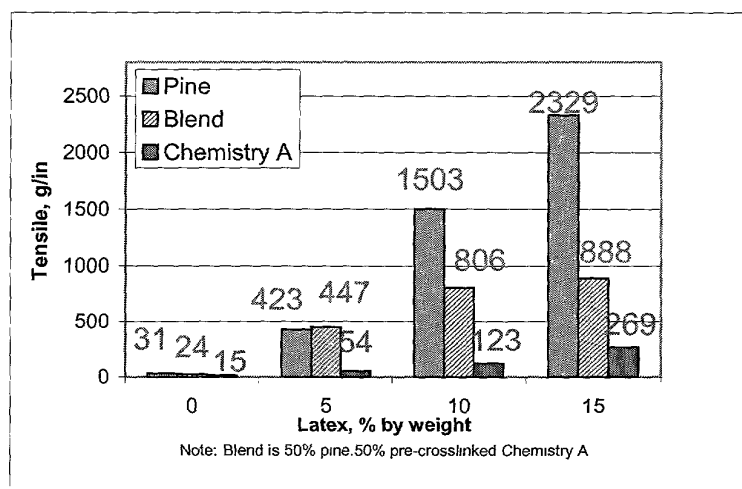


Figure 15

The graph plots Tensile strength (g/in) on the y-axis (0 to 1600) against Latex concentration (%) on the x-axis (0 to 6). The legend identifies six data series: 2% Chem B (diamonds), 4% Chem B (squares), 6% Chem B (triangles), 2% Chem C (crosses), 4% Chem C (asterisks), and 6% Chem C (circles). The data points are connected by lines, and error bars representing 1 standard deviation are shown for each point. The tensile strength increases with latex concentration for all samples. Chem B samples generally exhibit higher tensile strength than Chem C samples at higher latex concentrations.

Latex (%)	2% Chem B (g/in)	4% Chem B (g/in)	6% Chem B (g/in)	2% Chem C (g/in)	4% Chem C (g/in)	6% Chem C (g/in)
0	~50	~50	~50	~50	~50	~50
2.5	~100	~100	~100	~100	~100	~100
5.0	~1150	~1050	~950	~1000	~900	~450

Figure 16

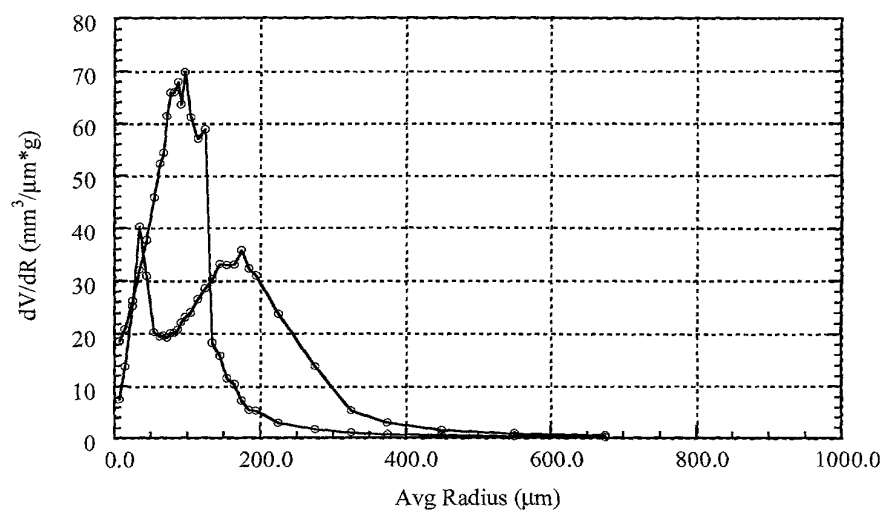


Figure 17

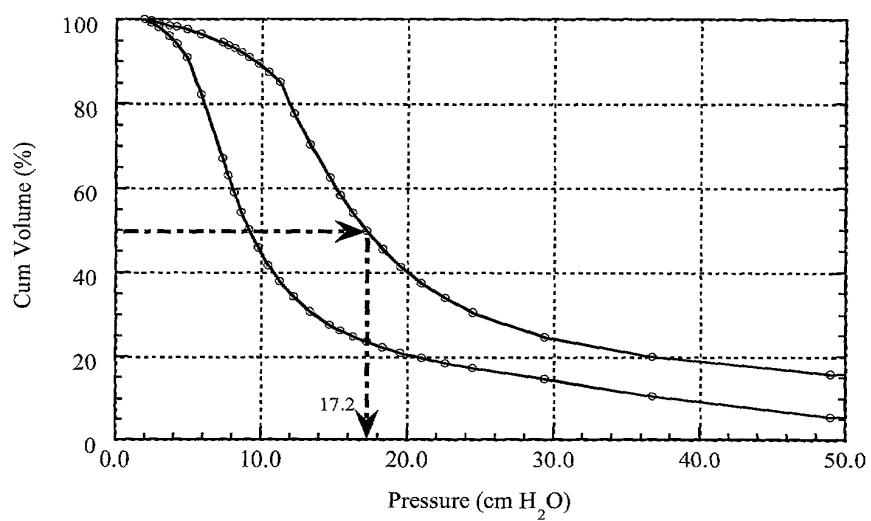


Figure 18

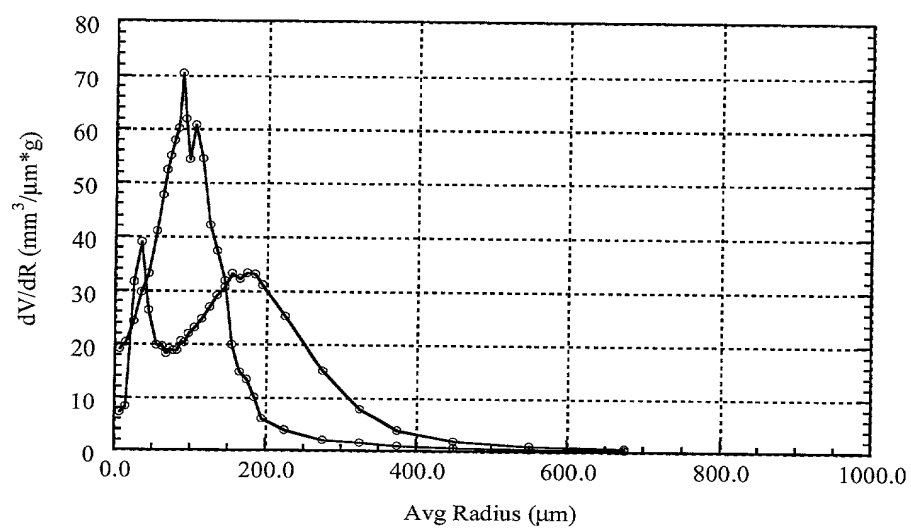


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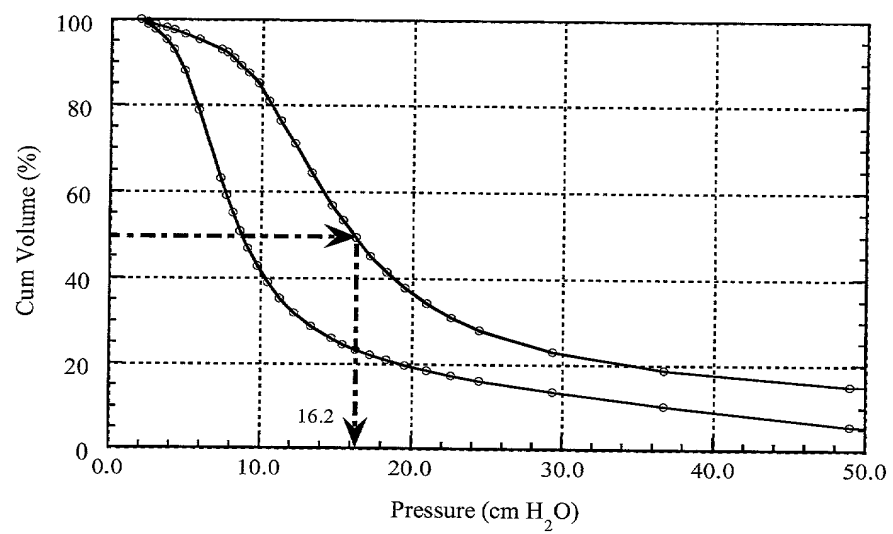


Figure 20

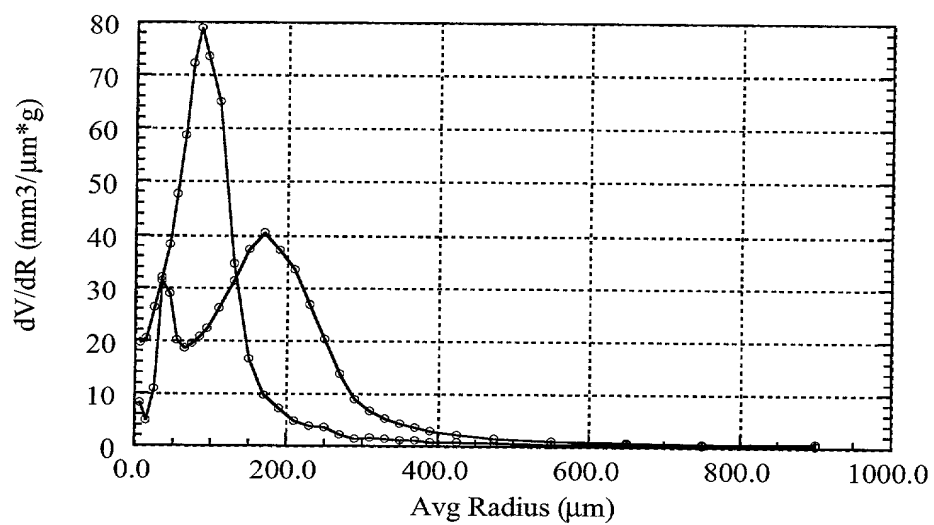


Figure 21

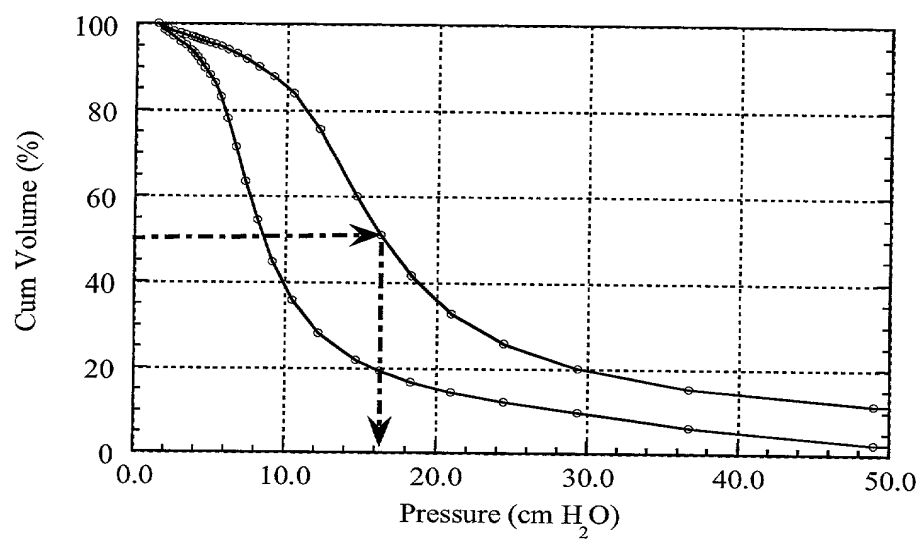


Figure 22

10002044-13-1431

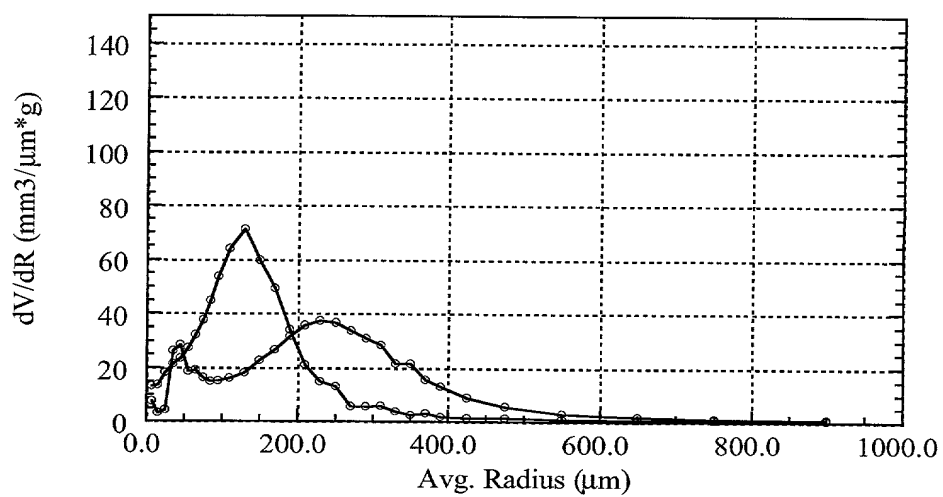


Figure 23

Variable	Mean	SD	Min	Max
Age	34.5	10.5	18	65
Gender	1.0	0.0	0	1
Marital status	1.0	0.0	0	1
Education	12.5	1.5	9	16
Income	1.5	0.5	1	2
Occupation	1.0	0.0	0	1
Health status	1.0	0.0	0	1
Life satisfaction	1.0	0.0	0	1
Life expectancy	1.0	0.0	0	1
Life expectancy squared	1.0	0.0	0	1
Life expectancy cubed	1.0	0.0	0	1
Life expectancy to the fourth power	1.0	0.0	0	1
Life expectancy to the fifth power	1.0	0.0	0	1
Life expectancy to the sixth power	1.0	0.0	0	1
Life expectancy to the seventh power	1.0	0.0	0	1
Life expectancy to the eighth power	1.0	0.0	0	1
Life expectancy to the ninth power	1.0	0.0	0	1
Life expectancy to the tenth power	1.0	0.0	0	1
Life expectancy to the eleventh power	1.0	0.0	0	1
Life expectancy to the twelfth power	1.0	0.0	0	1
Life expectancy to the thirteenth power	1.0	0.0	0	1
Life expectancy to the fourteenth power	1.0	0.0	0	1
Life expectancy to the fifteenth power	1.0	0.0	0	1
Life expectancy to the sixteenth power	1.0	0.0	0	1
Life expectancy to the seventeenth power	1.0	0.0	0	1
Life expectancy to the eighteenth power	1.0	0.0	0	1
Life expectancy to the nineteenth power	1.0	0.0	0	1
Life expectancy to the twentieth power	1.0	0.0	0	1
Life expectancy to the twenty-first power	1.0	0.0	0	1
Life expectancy to the twenty-second power	1.0	0.0	0	1
Life expectancy to the twenty-third power	1.0	0.0	0	1
Life expectancy to the twenty-fourth power	1.0	0.0	0	1
Life expectancy to the twenty-fifth power	1.0	0.0	0	1
Life expectancy to the twenty-sixth power	1.0	0.0	0	1
Life expectancy to the twenty-seventh power	1.0	0.0	0	1
Life expectancy to the twenty-eighth power	1.0	0.0	0	1
Life expectancy to the twenty-ninth power	1.0	0.0	0	1
Life expectancy to the thirtieth power	1.0	0.0	0	1
Life expectancy to the thirty-first power	1.0	0.0	0	1
Life expectancy to the thirty-second power	1.0	0.0	0	1
Life expectancy to the thirty-third power	1.0	0.0	0	1
Life expectancy to the thirty-fourth power	1.0	0.0	0	1
Life expectancy to the thirty-fifth power	1.0	0.0	0	1
Life expectancy to the thirty-sixth power	1.0	0.0	0	1
Life expectancy to the thirty-seventh power	1.0	0.0	0	1
Life expectancy to the thirty-eighth power	1.0	0.0	0	1
Life expectancy to the thirty-ninth power	1.0	0.0	0	1
Life expectancy to the fortieth power	1.0	0.0	0	1
Life expectancy to the forty-first power	1.0	0.0	0	1
Life expectancy to the forty-second power	1.0	0.0	0	1
Life expectancy to the forty-third power	1.0	0.0	0	1
Life expectancy to the forty-fourth power	1.0	0.0	0	1
Life expectancy to the forty-fifth power	1.0	0.0	0	1
Life expectancy to the forty-sixth power	1.0	0.0	0	1
Life expectancy to the forty-seventh power	1.0	0.0	0	1
Life expectancy to the forty-eighth power	1.0	0.0	0	1
Life expectancy to the forty-ninth power	1.0	0.0	0	1
Life expectancy to the fiftieth power	1.0	0.0	0	1
Life expectancy to the fifty-first power	1.0	0.0	0	1
Life expectancy to the fifty-second power	1.0	0.0	0	1
Life expectancy to the fifty-third power	1.0	0.0	0	1
Life expectancy to the fifty-fourth power	1.0	0.0	0	1
Life expectancy to the fifty-fifth power	1.0	0.0	0	1
Life expectancy to the fifty-sixth power	1.0	0.0	0	1
Life expectancy to the fifty-seventh power	1.0	0.0	0	1
Life expectancy to the fifty-eighth power	1.0	0.0	0	1
Life expectancy to the fifty-ninth power	1.0	0.0	0	1
Life expectancy to the sixtieth power	1.0	0.0	0	1
Life expectancy to the sixty-first power	1.0	0.0	0	1
Life expectancy to the sixty-second power	1.0	0.0	0	1
Life expectancy to the sixty-third power	1.0	0.0	0	1
Life expectancy to the sixty-fourth power	1.0	0.0	0	1
Life expectancy to the sixty-fifth power	1.0	0.0	0	1
Life expectancy to the sixty-sixth power	1.0	0.0	0	1
Life expectancy to the sixty-seventh power	1.0	0.0	0	1
Life expectancy to the sixty-eighth power	1.0	0.0	0	1
Life expectancy to the sixty-ninth power	1.0	0.0	0	1
Life expectancy to the seventieth power	1.0	0.0	0	1

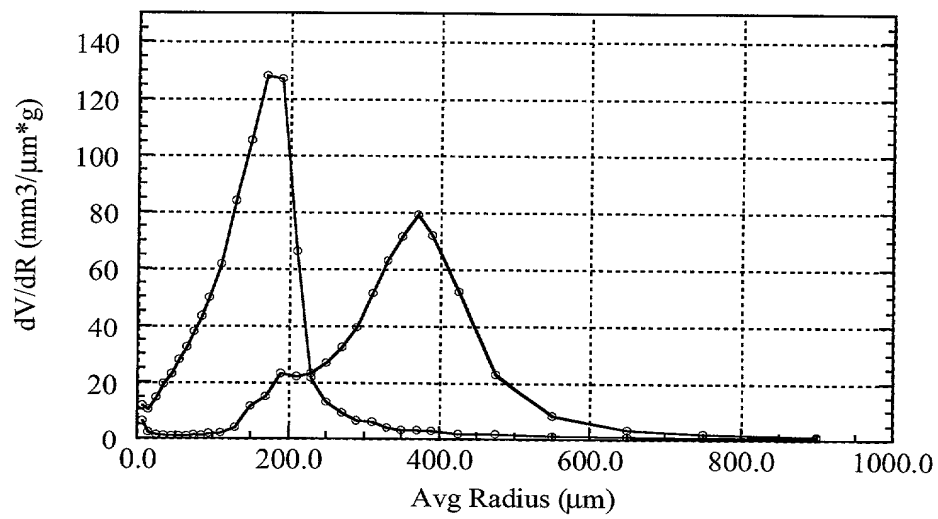


Figure 24

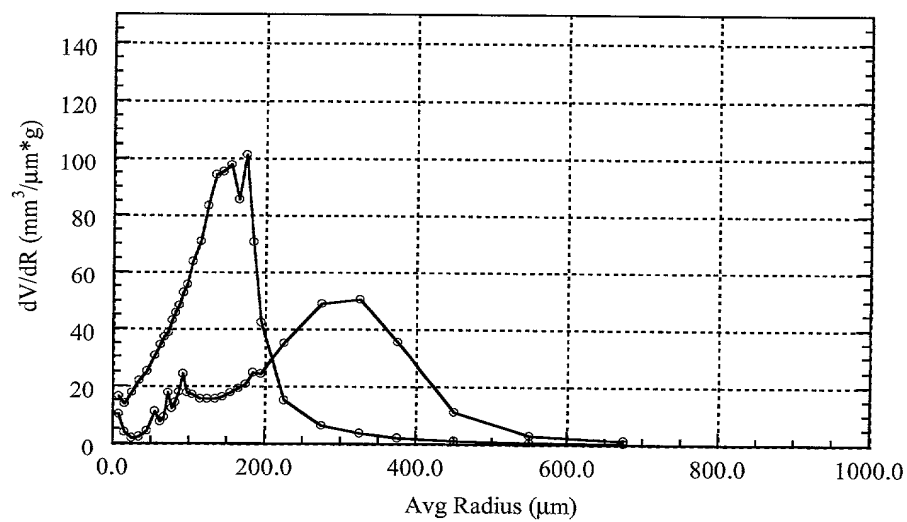


Figure 25

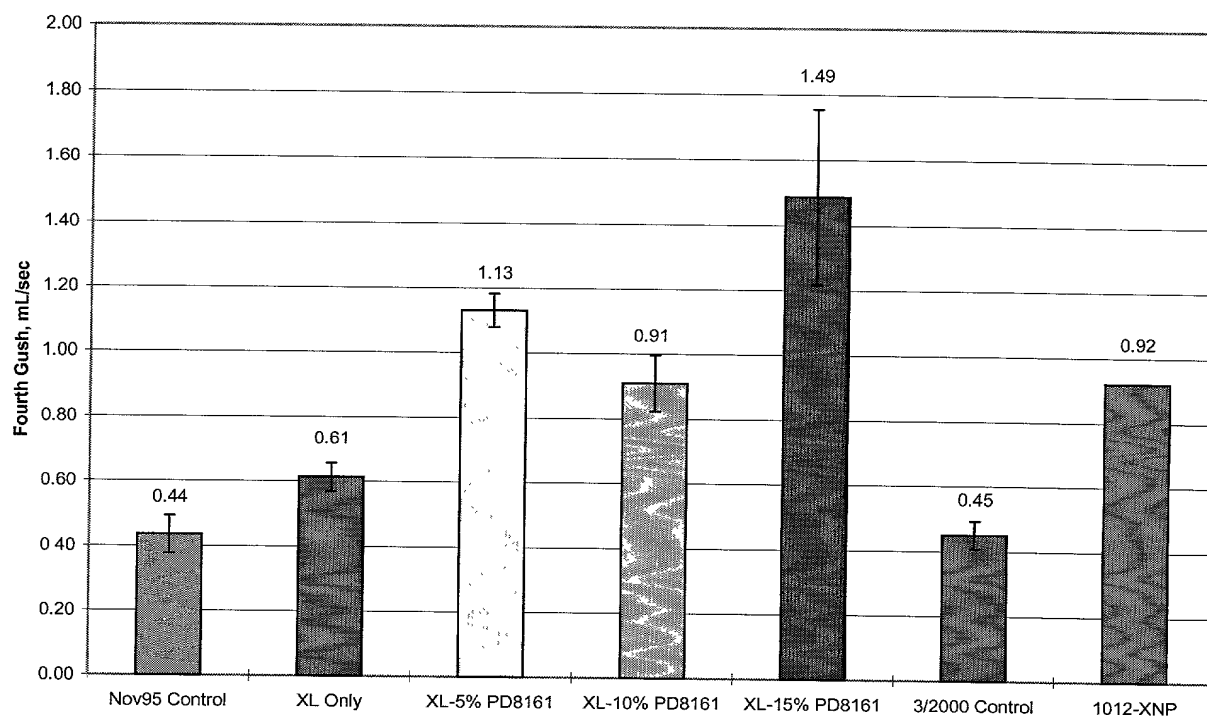


Figure 26

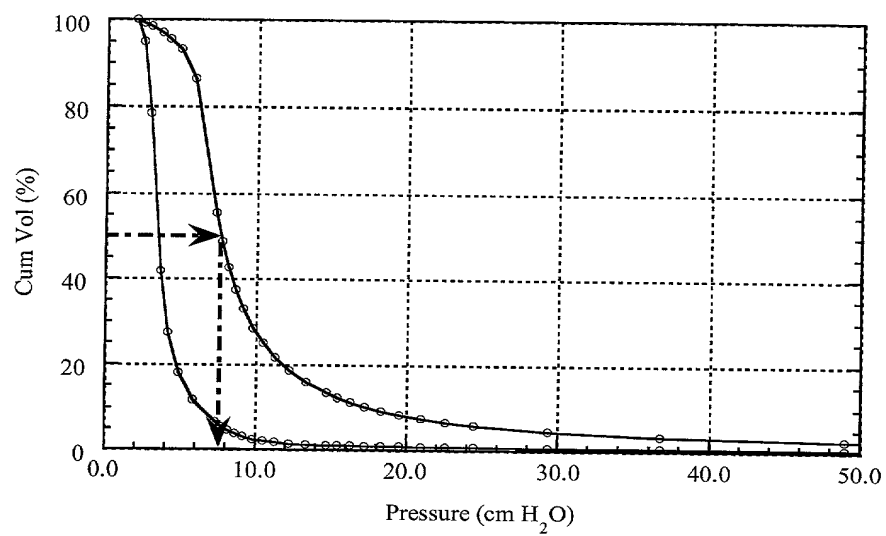


Figure 27

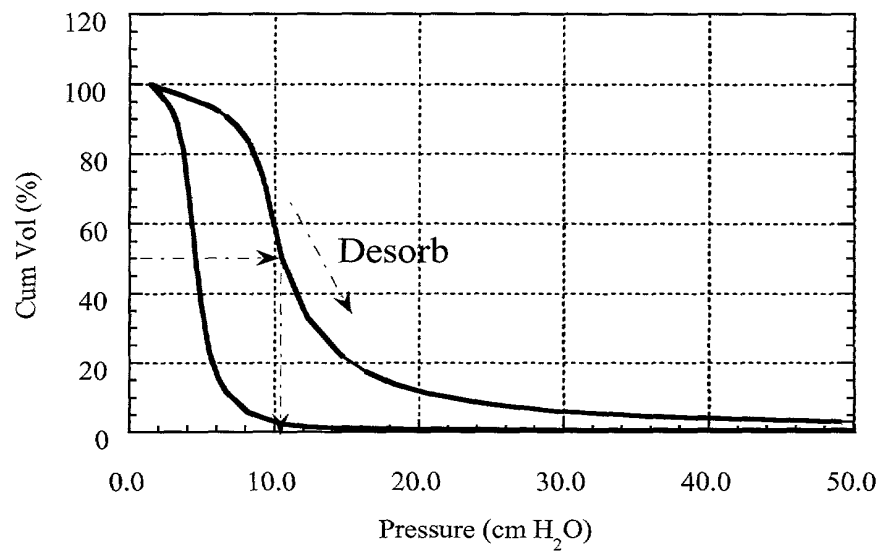


Figure 28

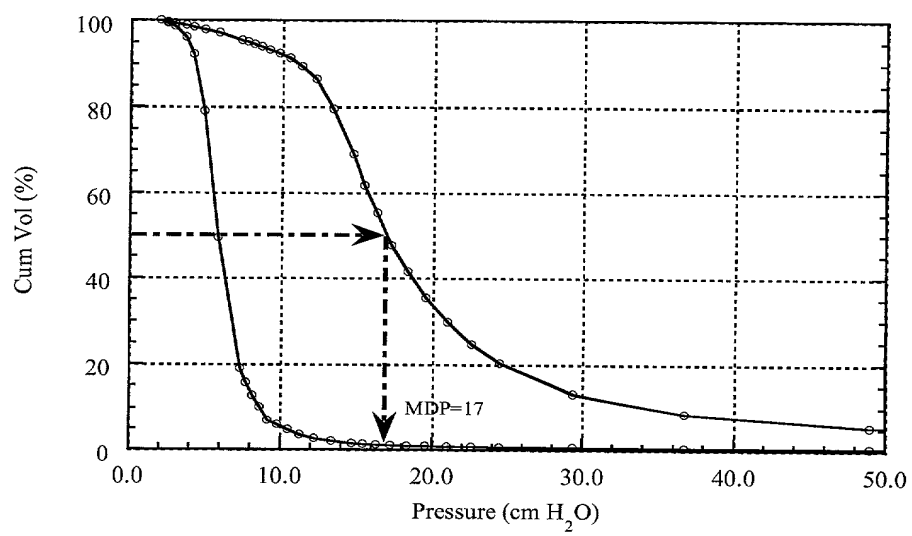


Figure 29

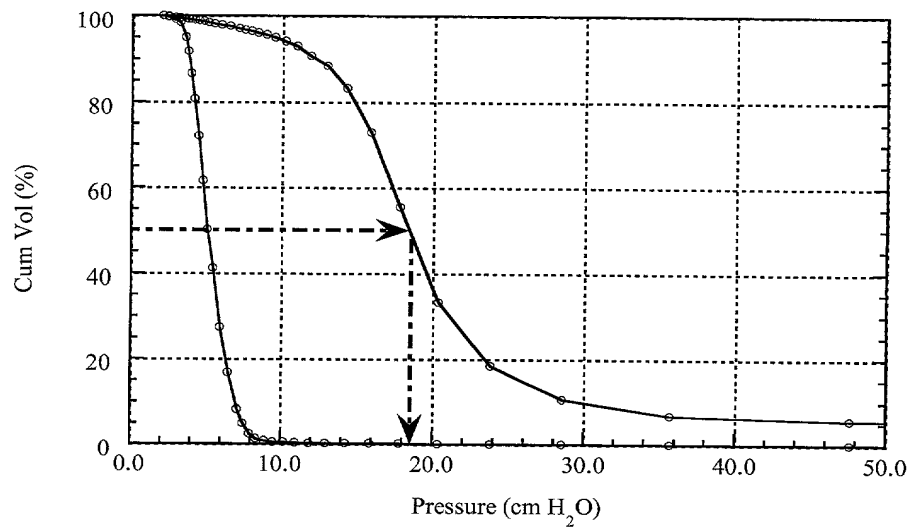


Figure 30

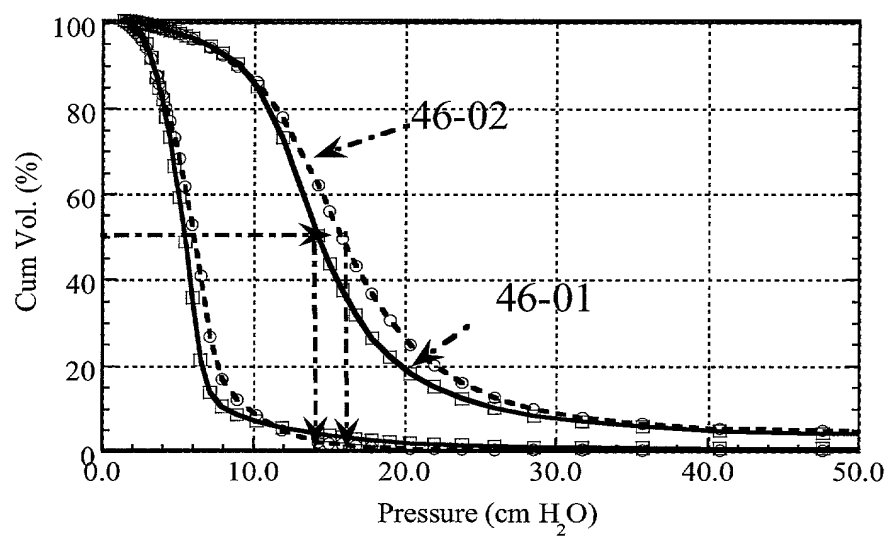


Figure 31